

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD982793937	2. Page 4 of 4 1	3. Emergency Response Phone 800-255-3924	4. Manifest Tracking Number 010405649 JJK		
5. Generator's Name and Mailing Address Tacornic 136 Coonbrook Rd, PO Box 69 Generator's Phone: 518 658-3202 Petersburgh NY 12138				Generator's Site Address (if different than mailing address) 136 Coonbrook Road Petersburgh, NY 12138			
6. Transporter 1 Company Name Precision Industrial Maint., Inc.				U.S. EPA ID Number NY0001031814			
7. Transporter 2 Company Name Clean Venture, Inc				U.S. EPA ID Number NJ0000027193			
8. Designated Facility Name and Site Address Cycle Chem, Inc 217 South First Street Facility's Phone: (908) 355-5800 Elizabeth NJ 07206				U.S. EPA ID Number NJD002200046			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN1325, WASTE Flammable solids, organic, n.o.s. (toluene), 4.1, PGII (solvent rags & filters)	007 006	CF DF	800	P	F006 B D001
	X	2. UN1993, WASTE Flammable liquids, n.o.s. (naptha), 3, PGII (Zep Dyna 143)	002	DM	400 250	P	B D001
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1. SEE PROFILE ERG# 143 (solvent rags & filters) (2XCY) (X30) (1X30) (1X5) R02-109. 2. SEE PROFILE ERG# 128 (Zep Dyna 143) (1X30) (1X5) IK-159. ERS=ChemTel, Inc MIS# 0006506 366725 00023							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offereor's Printed/Typed Name KAREN YORK				Signature <i>[Signature]</i>		Month Day Year 3 18 13	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name Dorian Angus				Signature <i>[Signature]</i>		Month Day Year 03 18 13
	Transporter 2 Printed/Typed Name GILBERTO VELAZ				Signature <i>[Signature]</i>		Month Day Year 3 28 13
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)						Month Day Year ____
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H111		2. H061		3. H111		4. H111	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name DAVID GIBSON				Signature <i>[Signature]</i>		Month Day Year 04 11 13	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

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6. Transporter 1 Company Name Precision Industrial Maint., Inc.			U.S. EPA ID Number NY0001031814							
7. Transporter 2 Company Name Clean Venture, Inc.			U.S. EPA ID Number NJ0000027193							
8. Designated Facility Name and Site Address Cycle Chem, Inc 217 South First Street Elizabeth NJ 07208 Facility's Phone: (908) 365-5800			U.S. EPA ID Number NJD002200046							
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
		No.	Type							
		1. UN1325, WASTE Flammable solids, organic, n.o.s. (toluene), 4.1, PGII (solvent rags & filters)	007 006				CF DE	800 480	P	F005 B D001
		2. UN1993, WASTE Flammable liquids, n.o.s. (naptha), 3, PGII (Zep Dyna 143)	002				DM	050L	P	B D001
		3.								
4.										
14. Special Handling Instructions and Additional Information 1. SEE PROFILE ERG# 143 (solvent rags & filters) (2x14)(1x3)(1x5) 2. SEE PROFILE ERG# 128 (Zep Dyna 143) (1x36)(1x5) ERS=ChemTel, Inc MIS# 0006506 00023										
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Generator's/Officer's Printed/Typed Name KAPPA TONK		Signature [Signature]		Month Day Year 3 18 13						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Darien Angus		Signature [Signature]		Month Day Year 10 18 12						
Transporter 2 Printed/Typed Name		Signature		Month Day Year						
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number:										
18b. Alternate Facility (or Generator) U.S. EPA ID Number										
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name		Signature		Month Day Year						

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

TAC EPA 00887

000882

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6. Transporter 1 Company Name Precision Industrial Maint., Inc.					U.S. EPA ID Number NY0001031814				
7. Transporter 2 Company Name Clean Venture, Inc					U.S. EPA ID Number NJ0000027193				
8. Designated Facility Name and Site Address Cycle Chem, Inc 217 South First Street Facility's Phone: (908) 365-6900 Elizabeth NJ 07208					U.S. EPA ID Number NJD002200048				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN1325, WASTE Flammable solids, organic, n.o.s. (toluene), 4.1, PGI (solvent rags & filters)			CC6	CF DF	400	P	F005 B D001
	X	2. UN1993, WASTE Flammable liquids, n.o.s. (naptha), 3, PGI (Zep Dyna 143)			602	DM	400 250	P	B D001
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1. SEE PROFILE ERG# 133 (solvent rags & filters) 12X10 3X35 (1200) 2. SEE PROFILE ERG# 128 (Zep Dyna 143) 11X30 11X4 <div style="text-align: right;">ERS-Chemtel, Inc. MMS# 0000300 00023</div>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name Michael J. Smith					Signature <i>[Signature]</i>		Month Day Year 03 18 13		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name Robert Hughes					Signature <i>[Signature]</i>		Month Day Year 03 18 13	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name					Signature		Month Day Year		

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ____

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Officer's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.



(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME Taconic
MAILING ADDRESS 136 Cornbrook Rd.
Petersburgh, NY 12138
GENERATOR CONTACT _____
GENERATOR PHONE # 518-658-3702
SITE ADDRESS Samie
NAME OF WASTE Zep Dyna 143

GENERATOR USEPA ID NY D 9 8 2 7 9 3 9 3 7
BILLING ADDRESS Precision Industrial Maint
1710 Erie Blvd.
Schenectady, NY 12308
CONTACT Lynn Farrell
PHONE # 518-346-5800 FAX # 518-346-6077
PROCESS GENERATING WASTE
Maintenance Shop Parts Cleaning

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Dark Brown/Black

STRONG INCIDENTAL ODOR PRESENT

☒ YES ☐ NO Solvent

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

☒ WASTEWATER
☐ NONWASTEWATER

SPECIFIC GRAVITY: 1

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☒ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☐ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge _____
% Suspended Solids _____
% Solids/Debris _____
% Free Liquids 100

pH

☐ < 2.0
☐ 2.01-5
☒ 5.01-9
☐ 9.01-12.4
☐ > 12.50
EXACT

Dumpable? ☐ Yes ☒ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

C. CHEMICAL COMPOSITION

Is MSDS Attached? ☐ Yes ☒ No
Is Analysis Attached? ☐ Yes ☒ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Zep Dyna 143</u>		
<u>(petroleum distillates)</u>		
<u>naptha</u>		
<u>0.1, grease, dirt</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): D001

APPLICABLE SUBCATEGORIES: _____

STATE HAZARDOUS WASTE?: ☐ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: Waste Flammable Liquid No.

CLASS: 3 I.D. NO: 1993 P.G.: II R.Q.: (naptha)

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID
☐ BULK SOLID
☐ DUMP TRAILER
☐ ROLL-OFF
☒ DRUM SIZE
☐ PALLETS
☐ CUBIC YARD BOX

ANTICIPATED VOLUME: _____

QUANTITY: 1 x 55 steel

UNITS: _____

PRICE: _____

FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES _____

NO LANDFILL _____

PROJECT CODE _____

OTHER _____

INCINERATE ONLY _____

CCI SALES CODE _____

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐

CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☒

CCI TO PROVIDE TRANSPORTATION ☐

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☐ Yes ☒ No. If yes please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.2(1)(I) at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: _____

TITLE: _____

DATE: 3/18/13

White = Cycle Chem Yellow = Customer

64799

TAC EPA 00890

000885

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it is the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, coliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

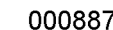
State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.



**UNDERLYING HAZARDOUS CONSTITUENTS
UNIVERSAL TREATMENT STANDARDS**

Regulated constituent Organic Constituents Common name	CAS#	WW mg/l	NWW mg/kg
A2213	30558-43-1	0.042	1.4
Acenaphthylene	208-96-8	0.59	3.4
Acenaphthene	83-32-9	0.059	3.4
Acetone	67-64-1	0.28	160
Acetonitrile	75-05-8	5.6	38
Acetophenone	96-86-2	0.010	9.7
2-Acetylaminofluorene	53-96-3	0.059	140
Acrolein	107-02-8	0.29	NA
Acrylamide	79-06-1	19	23
Acrylonitrile	107-13-1	0.24	84
Aldicarb sulfone	1646-88-4	0.056	0.28
Aldrin	309-00-2	0.021	0.056
4-Aminobiphenyl	92-67-1	0.13	NA
Aniline	62-53-3	0.61	14
Anthracene	120-12-7	0.059	3.4
Aramid	141-57-8	0.36	NA
Alpha-BHC	319-84-6	0.00014	0.056
Beta-BHC	319-85-7	0.00014	0.056
Delta-BHC	319-86-8	0.023	0.056
Gamma-BHC	58-99-9	0.0017	0.056
Barban	101-27-9	0.056	1.4
Bendiocarb	2278-123-3	0.056	1.4
Bendiocarb preform	2296-187-6	0.056	1.4
Benomyl	17804-35-2	0.056	1.4
Benzene	71-43-2	0.14	10
Benz (a) anthracene	56-55-3	0.059	3.4
Benzal chloride	98-87-3	0.056	6.0
Benz (b) fluoranthene	205-99-2	0.11	6.8
(difficult to distinguish from benz (a) fluoranthene)			
Benz (k) fluoranthene	207-08-4	0.11	6.8
(difficult to distinguish from benz (b) fluoranthene)			
Benz (ghi) perylene	191-24-2	0.0055	1.8
Benz (a) pyrene	50-32-8	0.061	3.4
Bromochloromethane	75-77-4	0.16	4.6
Bromomethane/Methyl bromide	74-83-9	0.11	15
4-Bromophenyl phenyl ether	101-55-3	0.055	3.5
n-Butyl alcohol	71-36-3	5.6	26
Butylate	2008-41-5	0.042	1.4
Butyl benzyl phthalate	85-68-7	0.017	28
7-sec-Butyl-4,6-dinitroisoxazol			
/Dioxet	88-85-7	0.056	2.5
Calcibaryl	6125-2	0.006	0.14
Carbendazim	10605-21-7	0.056	1.4
Carbofuran	1563-66-2	0.006	0.14
Carbofuran phenyl	1563-38-8	0.056	1.4
Carbon disulfide	75-15-0	3.8	4.8 mg/l TCLP
Carbon Tetrachloride	56-23-5	0.057	6.0
Carbosulfon	55285-14-8	0.028	1.4
Chloradane (alpha and gamma isomers)	57-74-9	0.0033	0.26
p-Chloroaniline	106-47-8	0.46	16
Chlorobenzene	108-90-7	0.057	6.0
Chlorobenzilate	510-15-6	0.10	NA
2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
Chlorodibromomethane	124-48-1	0.057	15
Chloroethane	75-00-3	0.27	6.0
Hex(2-Chloroethoxy) methane	111-91-1	0.036	7.2
Hex(2-Chloroethyl) ether	111-94-1	0.032	6.0
Chloroform	67-66-3	0.046	6.0
3-(2-Chloroisopropyl) ether	29528-32-9	0.055	7.2
p-Chloro-m-cresol	59-50-7	0.018	14
2-Chloroethyl vinyl ether	107-75-8	0.062	NA
Chloroethane/Methyl chloride	74-87-3	0.19	30
2-Chloronaphthalene	91-58-7	0.055	5.6
2-Chlorophenol	95-57-8	0.044	5.7
3-Chlorophenol	107-05-1	0.036	30
Chrysene	218-01-9	0.059	3.4
o-cresol	95-48-7	0.11	5.6
m-cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6
p-cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
m-Cumyl methyl carbonate	64-00-6	0.056	1.4
Cyclohexanone	108-94-1	0.36	0.75 mg/l TCLP
o,p'-DDD	53-19-6	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-4	0.031	0.087
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
Dibenz (a,h) anthracene	53-70-3	0.055	88.2
Dibenz (a,e) pyrene	192-65-4	0.061	NA
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
1,2-Dibromomethane/Ethylene dibromide	106-93-4	0.028	15
Dibromomethane	74-85-3	0.11	15
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.050	6.0
Dichlorodifluoromethane	75-71-8	0.23	7.2
1,1-Dichloroethane	75-48-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	87-65-0	0.044	14
2,4-Dichlorophenoxyacetic acid/2,4-D	94-75-7	0.72	10
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,2-Dichloropropylene	10061-01-5	0.036	18
trans-1,2-Dichloropropylene	10061-02-6	0.036	18
Diadlin	60-57-1	0.017	0.13
Diethylene glycol, dicarbamate	9952-26-1	0.056	1.4
Diethyl phthalate	84-66-2	0.20	28
Dimethylaminoazobenzene	60-11-7	0.13	NA
2,4-Dimethyl phenol	105-67-9	0.036	14
Dimethyl phthalate	131-11-3	0.047	28
Dimethlan	644-64-4	0.056	1.4
Di-n-butyl phthalate	84-74-2	0.057	28
1,4-Dinitrobenzene	100-25-4	0.32	2.3
4-Dinitro-o-cresol	534-52-1	0.28	160
2,4-Dinitrophenol	51-28-5	0.12	160
2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28
Di-n-octyl phthalate	228-84-0	0.17	28
Di-n-propylthiourea	621-64-7	0.40	14
1,4-Dioxane	123-91-1	12.0	170
Diphenylamine (difficult to distinguish from diphenylthiourea)	122-39-4	0.92	13
Diphenylthiourea (difficult to distinguish from diphenylamine)	85-30-6	0.92	13
1,2-Diphenylhydrazine	122-66-7	0.087	NA
Disulfoton	298-04-4	0.017	6.2
Dithiocarbamates (total)	NA	0.028	28
Endosulfan I	959-98-8	0.023	0.066
Endosulfan	33213-65-9	0.029	0.13
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin	72-20-8	0.0028	0.13
Enjin aldehyde	7421-93-4	0.025	0.13
EPIC	759-99-4	0.042	1.4
Ethyl acetate	141-78-6	0.34	33
Ethyl benzene	100-41-4	0.057	10
Ethyl cyanide/Propanenitrile	107-12-0	0.24	360
Ethyl ether	60-29-7	0.12	160
bis (2-Ethylhexyl) phthalate	117-81-7	0.28	28
Ethyl methacrylate	97-63-2	0.14	160
Ethylene oxide	75-21-8	0.12	NA
Famphur	52-85-7	0.017	15
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-77-7	0.059	3.4
Formetanate hydrochloride	23422-53-9	0.056	1.4
Formparal	17702-57-7	0.056	1.4
Heptachlor	76-44-8	0.0012	0.066
Heptachlor epoxide	1024-57-3	0.010	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorocyclopentadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
HexCDDs (all Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
HexCDDs (all Hexachlorodibenzo-furans)	NA	0.000063	0.001
Hexachlorocyclopentadiene	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.015	30
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Iodomethane	74-88-4	0.19	65
Isobutyl alcohol	78-83-1	5.6	170
Isodrin	945-73-6	0.021	0.066
Isolan	119-38-0	0.056	1.4
Isosafrole	120-58-1	0.081	2.6
Kerosene	141-90-0	0.0011	0.13
Methylacetylonitrile	126-99-7	0.24	84
Methanol	67-56-1	5.6	0.75 mg/l TCLP
Methapyrene	91-80-5	0.081	1.5
Methiocarb	2032-05-7	0.056	1.4
Methomyl	16752-77-5	0.028	1.14
Methoxychlor	72-43-5	0.25	6.18
3-Methylcyclopentene	56-49-5	0.0055	15
4-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
Methylene chloride	75-08-2	0.089	30
Methyl ethyl ketone	78-93-2	0.28	30
Methyl isobutyl ketone	108-10-1	0.14	33
Methyl methacrylate	80-62-6	0.14	160
Methyl methanesulfonate	66-27-3	0.010	NA
Methyl parathion	298-00-0	0.014	4.6
Metholcarb	1129-41-5	0.056	1.4
Mexcarb	315-18-4	0.056	1.4
Molinate	2212-67-1	0.042	1.4
Naphthalene	91-20-3	0.059	5.6
2-Naphthylamine	91-29-8	0.52	NA
o-Nitroaniline	88-24-4	0.27	14
p-Nitroaniline	100-01-6	0.028	28
Nitrobenzene	98-95-3	0.068	14
S-Nitro-toluidine	99-55-9	0.32	28
o-Nitrophenol	88-75-5	0.028	13
p-Nitrophenol	100-02-7	0.12	29
N-Nitrosodimethylamine	55-18-5	0.40	28
N-Nitrosodimethylamine	62-75-9	0.40	2.3
N-Nitroso-di-n-butylamine	924-16-3	0.40	17
N-Nitrosomethylmethanamine	10595-95-6	0.40	2.3
N-Nitrosomorpholine	59-89-2	0.40	2.3
N-Nitrosopyrrolidine	101-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
Osamyl	23135-22-0	0.056	0.28
Parathion	56-38-2	0.014	4.6
Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.10	10
Perbutate	1114-71-2	0.042	1.4
Pentachlorobenzene	608-93-5	0.055	10
PCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001
PCDDs (All Pentachlorobenzofurans)	NA	0.000035	0.001
Pentachloroethane	76-01-7	0.055	6.0
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
o-phenylenediamine	95-54-5	0.056	5.6
Phorate	296-02-2	0.021	4.6
Phthalic acid	100-21-0	0.055	28
Phthalic anhydride	85-44-9	0.055	28
Physostigmine	57-47-6	0.056	1.4
Physostigmine salicylate	57-54-7	0.056	1.4
Promecarb	2631-37-0	0.056	1.4
Promamide	23650-28-5	0.093	1.5
Propam	122-42-9	0.056	1.4
Propoxur	114-26-1	0.056	1.4
Proxiflucarb	52889-80-9	0.042	1.4
Pyrene	129-00-0	0.067	8.2
Pyridine	110-84-1	0.014	16
Safrole	94-59-7	0.081	2.2
Silvex/2,4,5-TP	93-72-1	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001
TCDFs (All Tetrachlorodibenzo-furans)	NA	0.000063	0.001
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	59-90-2	0.030	7.4
Thiodicarb	59569-26-0	0.019	1.4
Thiophanate-methyl	23564-05-8	0.056	1.4
Tirpate	26419-73-8	0.056	0.28
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Triflate	2303-17-5	0.042	1.4
Tribromomethane/Bromoform	75-25-2	0.63	15
2,4,6-Tribromophenol	118-79-6	0.035	7.4
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromono-fluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,4,5-Trichlorophenoxyacetic acid	93-76-5	0.72	7.9
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30
Trifluoramine	101-44-8	0.081	1.5
tris (2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.10
Vermolate	1929-77-7	0.042	1.4
Vinyl cyanide	75-01-4	0.27	6.0
Xylenes-mixed isomers (sum of o-, m- and p- xylene concentrations)	1330-20-7	0.32	30
Inorganic Constituents			
Antimony	7440-36-0	1.9	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Barium	7440-39-3	1.2	21 mg/l TCLP
Beryllium	7440-41-7	0.02	1.22 mg/l TCLP
Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) *	57-12-5	1.2	590
Cyanides (Amendable) *	57-12-5	0.86	30
Fluoride	16984-48-8	35	NA
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Mercury	7439-97-6	NA	0.20 mg/l TCLP
Mercury, all (TCLP)	7439-97-6	0.15	0.025 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Selenium *	7782-49-2	0.82	5.7 mg/l TCLP
Silver	7440-2-4	0.43	0.14 mg/l TCLP
Sulfide *	18498-25-6	14	NA
Thallium	7440-28-0	1.4	0.20 mg/l TCLP
Vanadium *	7440-62-2	4.3	1.6 mg/l TCLP
Zinc *	7440-66-6	2.61	4.3 mg/l TCLP

- (1) CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as